

## Key Features

- 1/2.8" 2.0Megapixel progressive scan CMOS
- Max 25 fps @1080P(1920×1080)
- Max. IR LEDs length 30m
- IP66
- DWDR, Day/Night (IR Cut auto switch), 3D DNR, BLC



### 2.0M Dome Specification

<b>Operating System</b>	Embedded Linux
<b>Model</b>	NV742F-IR
<b>User Interface</b>	Web viewer, Hybrid NDVR, CMS Client
<b>Image Sensor</b>	1/2.8" 2.0Megapixel progressive scan CMOS
<b>Lens</b>	4mm @ F2.0, (2.8mm, 6mm optional) Angle of view: 106°(2.8mm), 85°(4mm) , 52°(6mm)
<b>Lens Mount</b>	M12
<b>Image Sensor</b>	1/2.8" 2.0 Megapixel progressive scan CMOS
<b>Effective Pixels</b>	1920 × 1080
<b>Shutter</b>	1/3 s to 1/100,000 s
<b>Min. Illumination</b>	0.01Lux @ (F1.2, AGC ON) ,0 Lux with IR; 0.028 Lux @ (F2.0, AGC ON) ,0 Lux with IR
<b>Effective Pixels</b>	1920 × 1080
<b>Signal Noise Ratio</b>	>50dB
<b>Day / Night Mode</b>	IR cut filter with auto switch
<b>IR module: IR LEDs</b>	Max. IR LEDs length 30m
<b>Backlight Compensation</b>	Yes, zone optional
<b>Title OSD</b>	Support Date / Time / Name
<b>Video Format</b>	PAL/NTSC
<b>Video Compression</b>	H.264/MJPEG
<b>Encoding Speed</b>	50Hz: 25fps (1920 × 1080,1280 × 960,1280 × 720); 60Hz: 30fps (1920 × 1080,1280 × 960,1280 × 720)
<b>Video Bit Rate</b>	32 Kbps~8Mbps
<b>Video Motion Detection</b>	Support
<b>Snapshot</b>	Fastest 1fps JPEG capture
<b>Network Functions</b>	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, ICMP,IGMP,SNMP, FTP, 802.1X, QoS, HTTPS (SIP,SRTP,IPv6 optional)
<b>Ethernet</b>	1 RJ45 10M / 100M Ethernet interface
<b>Remote Operation</b>	Monitor, System setting, Log information, Maintenance & Upgrade
<b>ONVIF</b>	Yes
<b>Power Supply</b>	DC12V±10% / PoE(802.3af)
<b>Protection Level</b>	IP66
<b>Working Environment</b>	-30 °C ~ 60 °C (-22 °F ~ 140 °F); Humidity 95% or less (non-condensing)
<b>Power Consumption</b>	Max. 5 W (Max. 7 W with IR on)
<b>Dimension</b>	Φ111 × 82 (4.4" × 3.2")
<b>Weight</b>	500g (1.1 lbs)
<b>Housing Color</b>	White
<b>Camera Mounting</b>	Ceiling

**For more information, contact Technology Solutions of Charleston**